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(54) Title: N-BENZYL-3,4-DIHYROXYPYRIDINE-2-CARBOXAMIDE AND N-BENZYL-2,3-DIHYDROXYPYRIDINE-4-CARBOXAMIDE COMPOUNDS USEFUL AS HIV INTEGRASE INHIBITORS

$$Q \downarrow N T I$$

$$X^{1}$$

$$X^{2}$$

$$X^{3}$$
or
$$X^{3}$$

$$X^{3}$$

$$X^{4}$$

$$X^{5}$$

$$X^{6}$$

(57) Abstract: N-Benzyl-dihydroxypyridine carboxamide compounds are inhibitors of HIV integrase and inhibitors of HIV replication. In one embodiment, the dihydroxypyridine carboxamides are of Formula (I) wherein Q is Formula (II) or Formula (III); T is Formula (IV); and  $R^1$ ,  $R^2$ ,  $X^1$ ,  $X^2$ ,  $X^3$ , and  $Y^1$  are defined herein. The compounds are useful in the prevention and treatment of infection by HIV and in the prevention, delay in the onset, and treatment of AIDS. The compounds are employed against HIV infection and AIDS as compounds per se or in the form of pharmaceutically acceptable salts. The compounds and their salts can be employed as ingredients in pharmaceutical compositions, optionally in combination with other antivirals, immunomodulators, antibiotics or vaccines.





# WO 2005/074513 A2



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